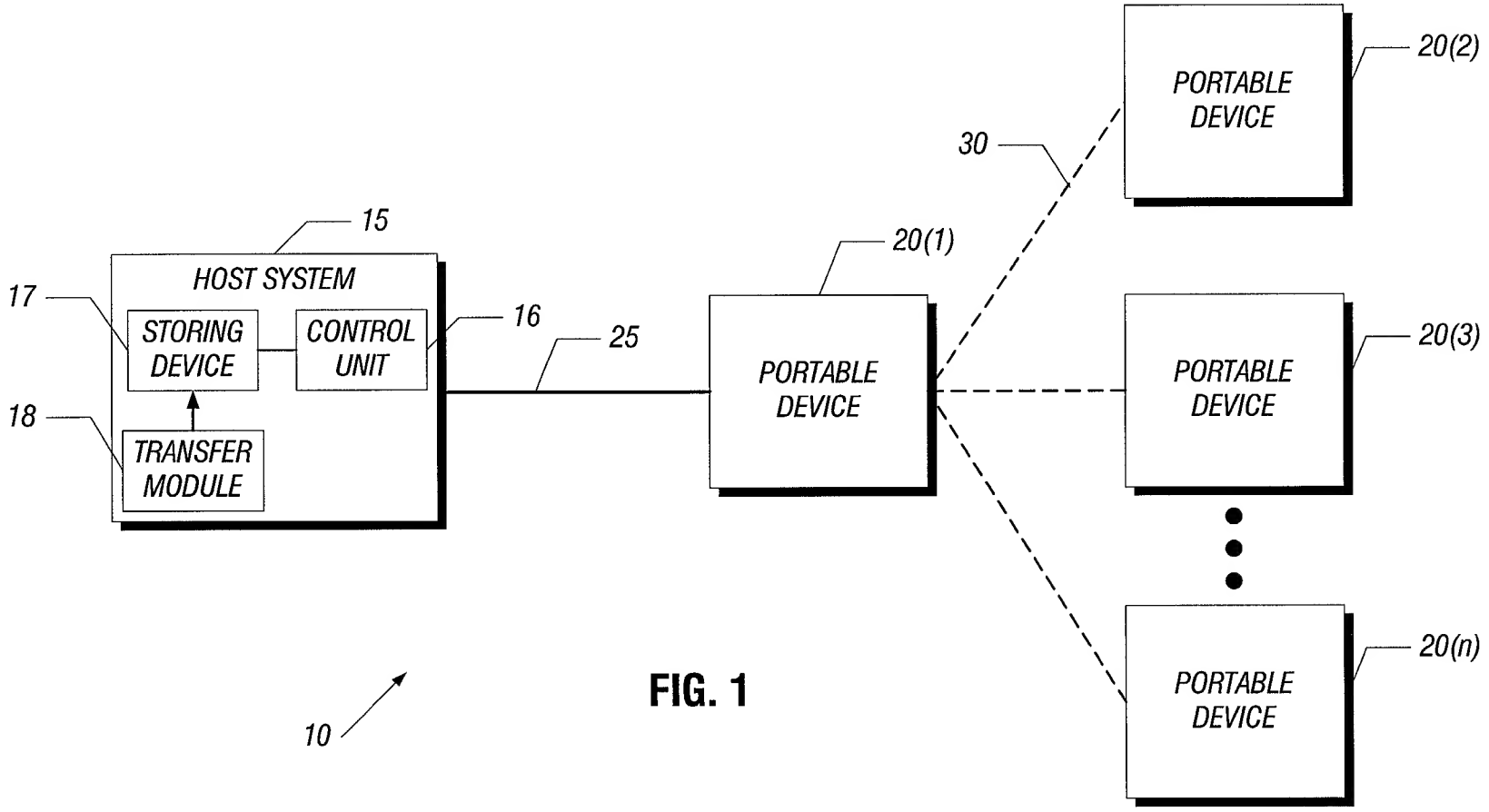
15
HOST SYSTEM
17
STORING DEVICE
CONTROL UNIT
16
18
TRANSFER MODULE
25
20(1)
PORTABLE DEVICE
30
PORTABLE DEVICE
20(2)
PORTABLE DEVICE
20(3)
PORTABLE DEVICE
20(n)
10

FIG. 1

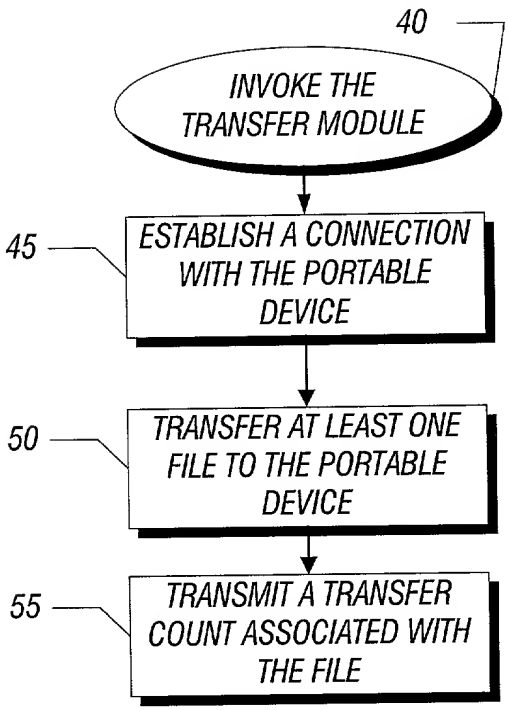
40
INVOKE THE TRANSFER MODULE
45
ESTABLISH A CONNECTION WITH THE PORTABLE DEVICE
50
TRANSFER AT LEAST ONE FILE TO THE PORTABLE DEVICE
55
TRANSMIT A TRANSFER COUNT ASSOCIATED WITH THE FILE

FIG. 2

TO2T40 9999960

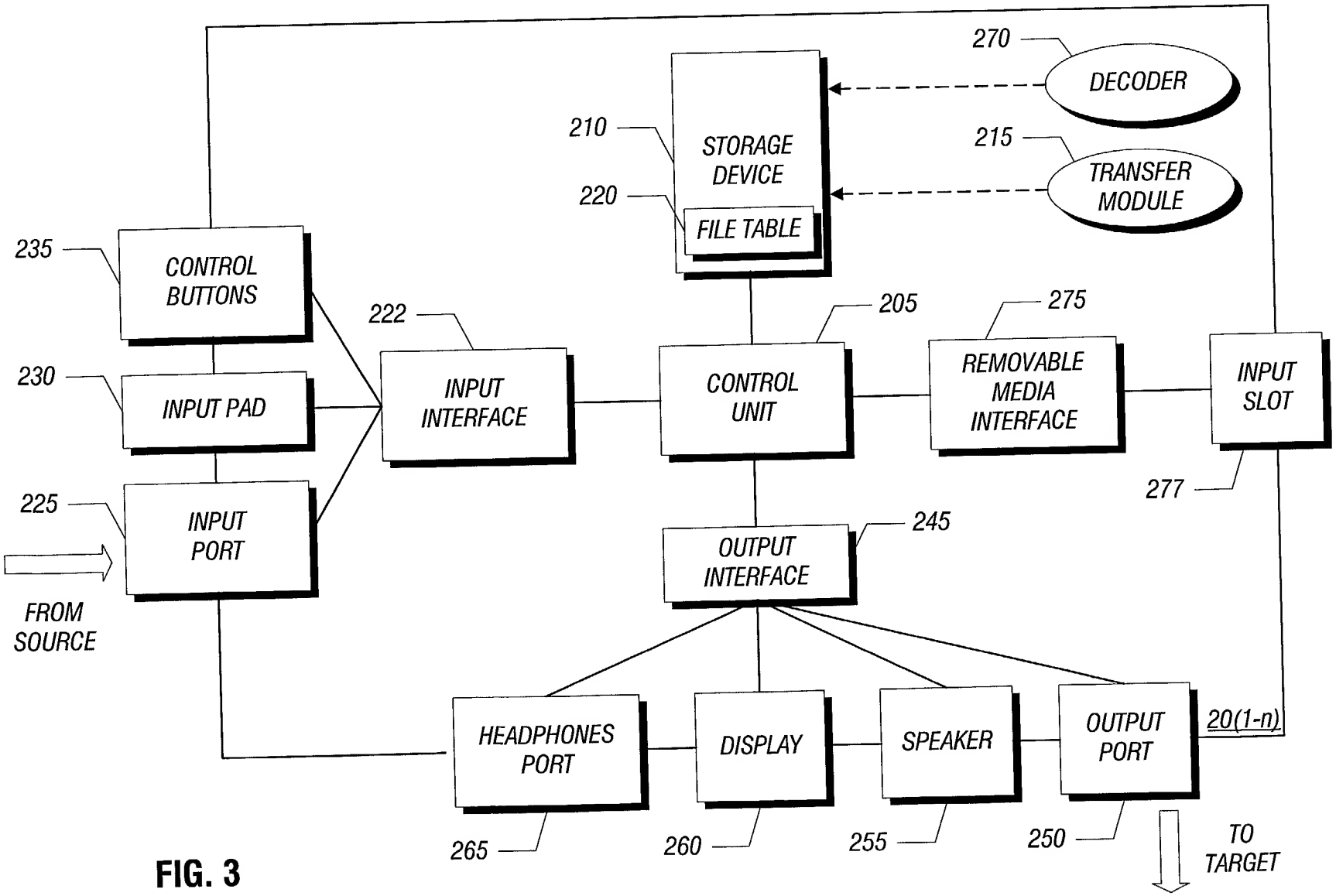

FIG. 3

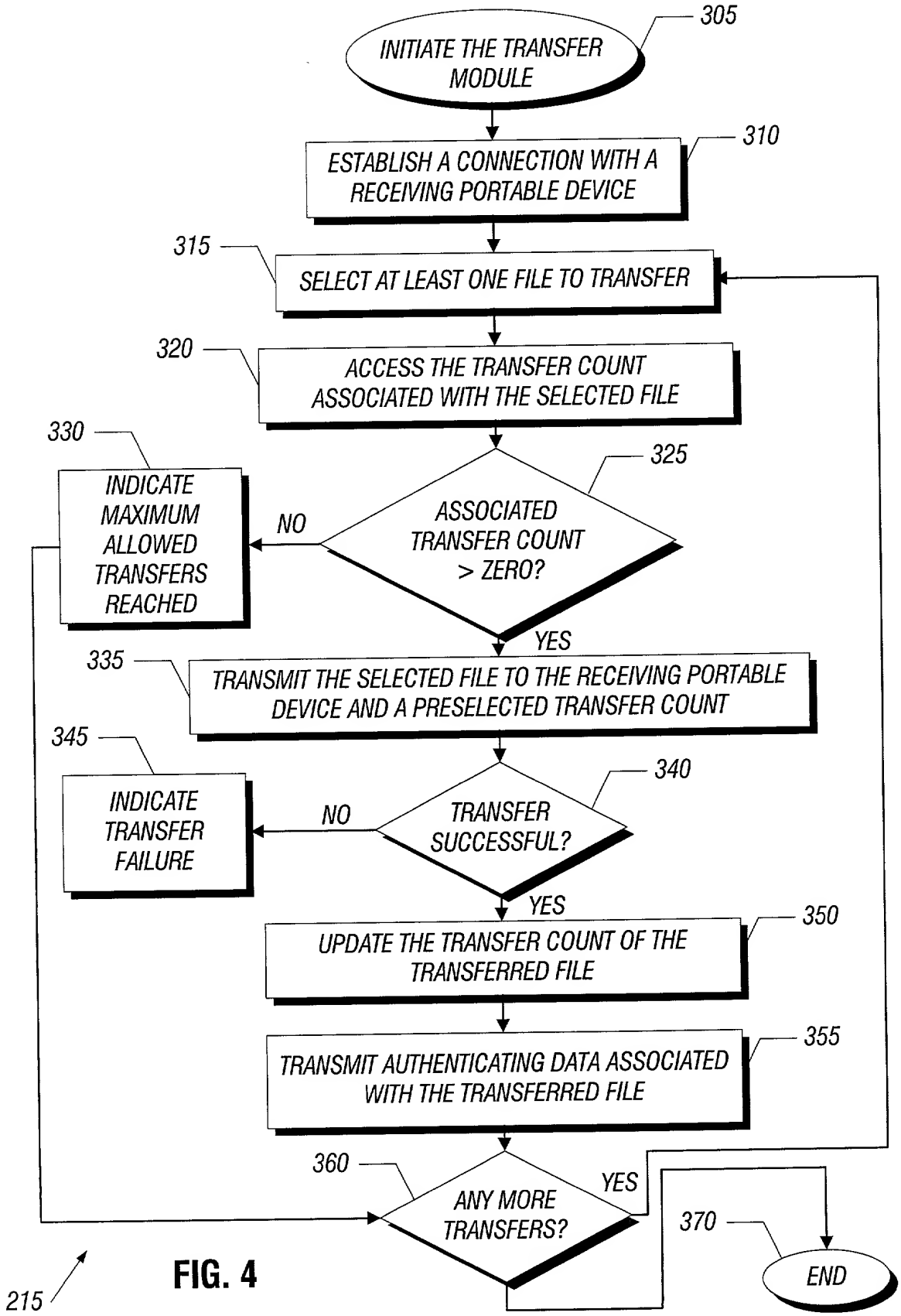
305
INITIATE THE TRANSFER MODULE
310
ESTABLISH A CONNECTION WITH A RECEIVING PORTABLE DEVICE
315
SELECT AT LEAST ONE FILE TO TRANSFER
320
ACCESS THE TRANSFER COUNT ASSOCIATED WITH THE SELECTED FILE
325
ASSOCIATED TRANSFER COUNT > ZERO?
NO
330
INDICATE MAXIMUM ALLOWED TRANSFERS REACHED
YES
335
TRANSMIT THE SELECTED FILE TO THE RECEIVING PORTABLE DEVICE AND A PRESELECTED TRANSFER COUNT
340
TRANSFER SUCCESSFUL?
NO
345
INDICATE TRANSFER FAILURE
YES
350
UPDATE THE TRANSFER COUNT OF THE TRANSFERRED FILE
355
TRANSMIT AUTHENTICATING DATA ASSOCIATED WITH THE TRANSFERRED FILE
360
ANY MORE TRANSFERS?
YES
370
END
215

FIG. 4

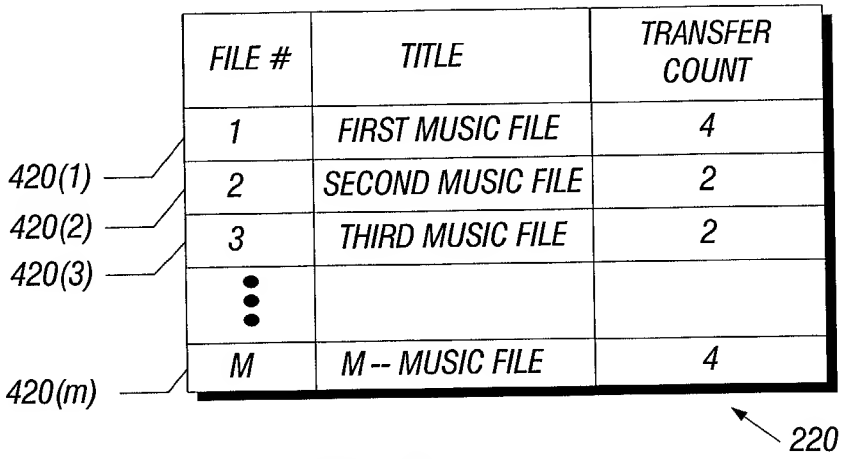

FIG. 5A

(FILE TABLE ON THE TRANSMITTING PORTABLE DEVICE BEFORE TRANSFER)

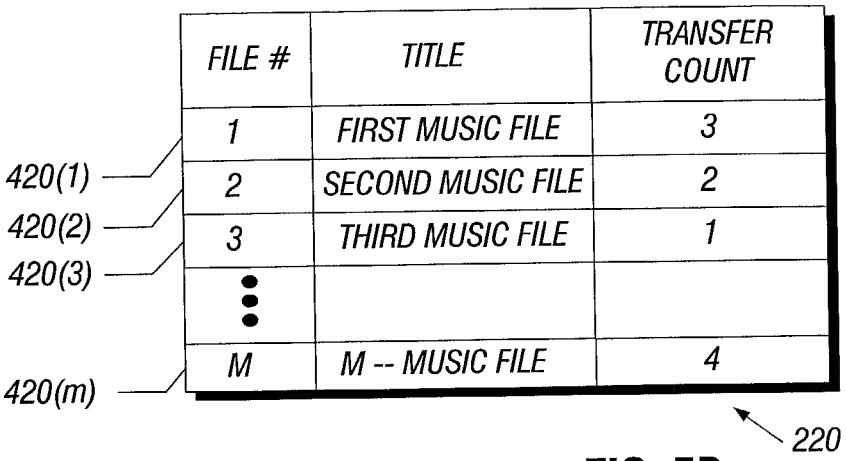

FIG. 5B

(FILE TABLE ON THE TRANSMITTING PORTABLE DEVICE AFTER TRANSFER)

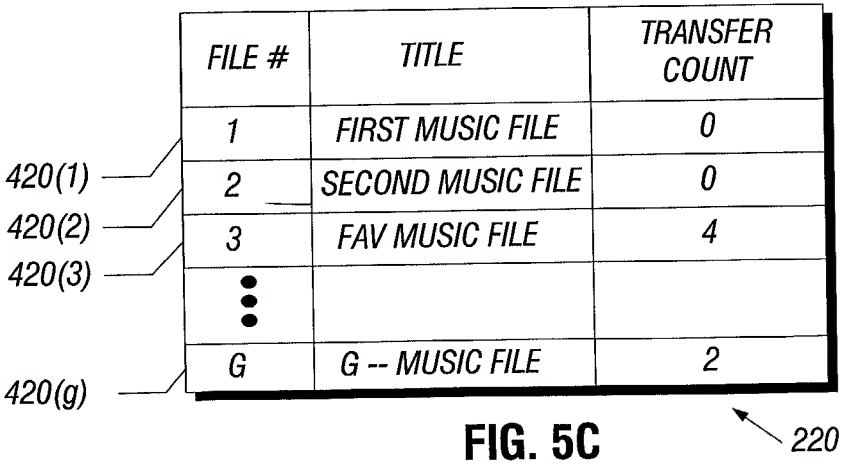

FIG. 5C

(FILE TABLE ON THE RECEIVING PORTABLE DEVICE AFTER TRANSFER)

EP 2 276 240 A1

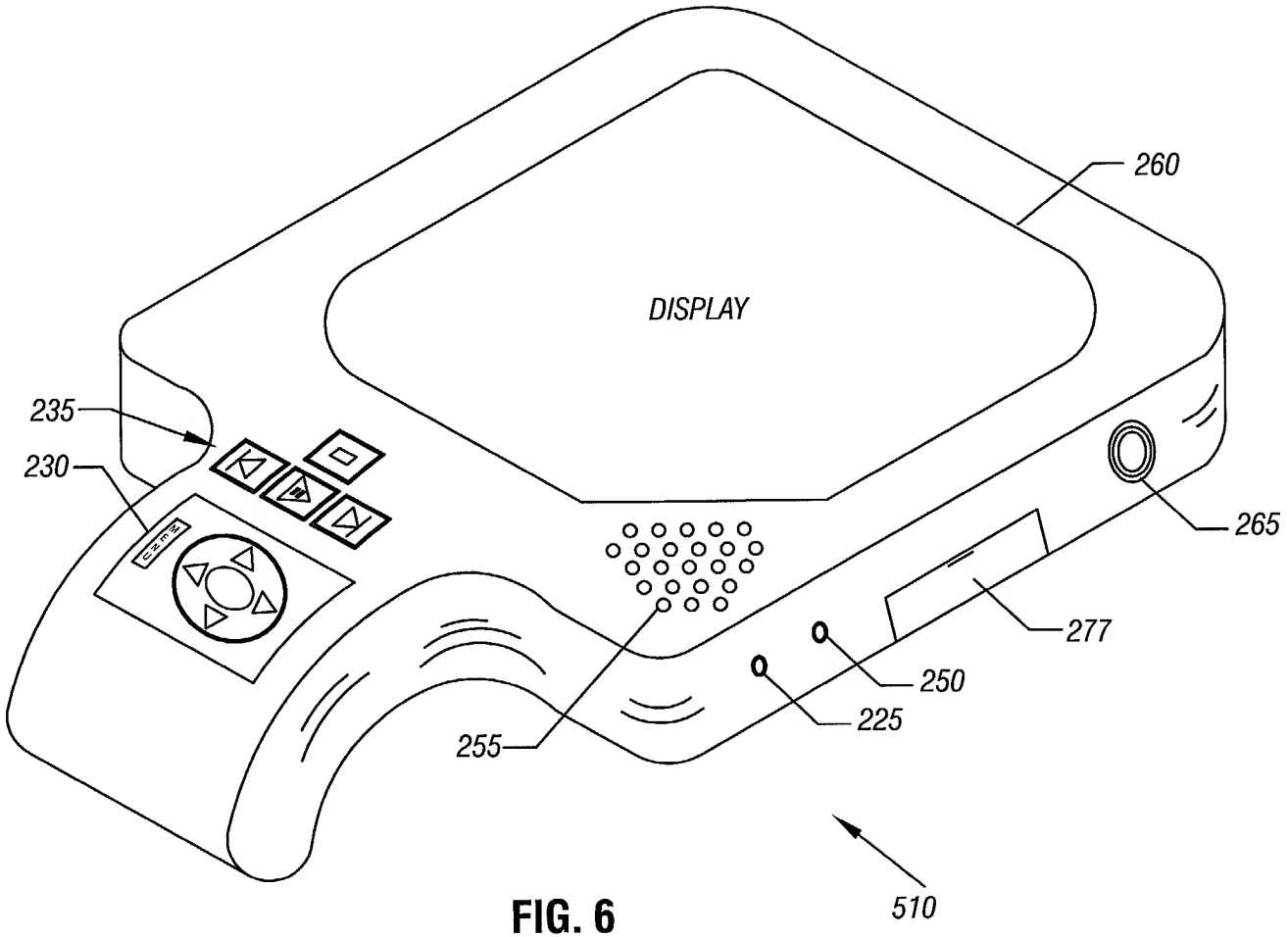

FIG. 6